

Nuclear Facility Deactivation and Decommissioning (D&D), Remainder of Hanford (RL-0040)

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*Removed electrical power
and poles from 212-P*

*Preparation activities
200 North Waste site
excavation*



*Preparation activities for
D&D of ten Central Plateau
Industrial Facilities*



*L-598, Near Term Repairs –
Repeater Facilities,
Lightning Protection*



Overview

This section addresses Project Baseline Summary (PBS) RL-0040, *Nuclear Facility Deactivation and Decommissioning (D&D), Remainder of Hanford*. There are three major components to this work scope:

- Central Plateau Remediation (CPR) (M. B. Lackey),
- Waste Site RI/FS Process (B.H., Ford, and
- Reliability Projects (R. G. Slocum).

NOTE: Unless otherwise noted, all information contained herein is as of the end of October 2006.

Notable Accomplishments

PBS RL-0040, Nuclear Facility D&D, Remainder of Hanford

Closure Projects

M-15 Milestones

- The Proposed Tri-Party Agreement Modifications for Central Plateau and Groundwater Remediation was issued for public comment on October 23, 2006

BC Cribs, Trenches & Control Area

- Initiated the Data Quality Objective (DQO) for High-Resolution Resistivity (HRR) correlation at BC Cribs
- Initiated the Work Plan Addendum

200-MW-1, Miscellaneous Waste Group

- Gained Environmental Protection Agency (EPA) approval of the A-4 Borehole Sampling and Analysis Plan (SAP)

Reliability Projects:

- Received approval from DOE-RL to proceed with L-598, *Near Term Repairs – Repeater Facilities*, field construction (with conditions) on October 16, 2006
 - Issued construction contracts

FY 2007 Funds vs. Spend Forecast (\$M)

		Projected FY 2007 Funding	FY 2007 Fiscal Year Spend Forecast	Variance
RL-0040	Nuclear Facility D&D, Remainder of Hanford	\$ 78.1	\$ 67.4	\$ 10.7

FY 2007 Schedule/Cost Performance (\$M)

		Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance \$	Schedule Variance %	Cost Variance \$	Cost Variance %	Budget At Completion
RL-0040	Nuclear Facility D&D, Remainder of Hanford	\$3.8	\$2.6	\$1.8	-\$1.3	-32.8%	\$0.7	28.3%	\$67.6
Total		\$3.8	\$2.6	\$1.8	-\$1.3	-32.8%	\$0.7	28.3%	\$67.6

Numbers are rounded to the nearest \$0.1M.

Schedule Performance (-\$1.3M/-32.8%):

The unfavorable schedule variance (SV) for Central Plateau Remediation Project (CPR) (-\$0.6M) is due to claiming little or no earned value for the U8/U12 barriers and the 241-U-361 Settling Tank in the U Zone Waste Sites area due to the work scope being re-planned in a Baseline Change Request (BCR) (-\$0.4M), and delays for 212-N hazard reduction activities due to delays in approval of the Contaminated Equipment – special packaging authorization (CE-SPA) (-\$0.2M).

The unfavorable schedule variance in Closure Projects (-\$0.6M) is due to delays in starting A-4 borehole resulting from the delay in the SAP approval (-\$0.2M), progress not taken on Model Group Data DQO/SAP and Supplemental Characterization Work Plan activities because a BCR is in progress to realign work scope with the revised PI (-\$0.1M), delays in the Phase III Sampling for Ecological Risk Assessment due to the SAP not being signed until October (-\$0.1M), and work completed in prior years but planned this fiscal year (-\$0.1M).

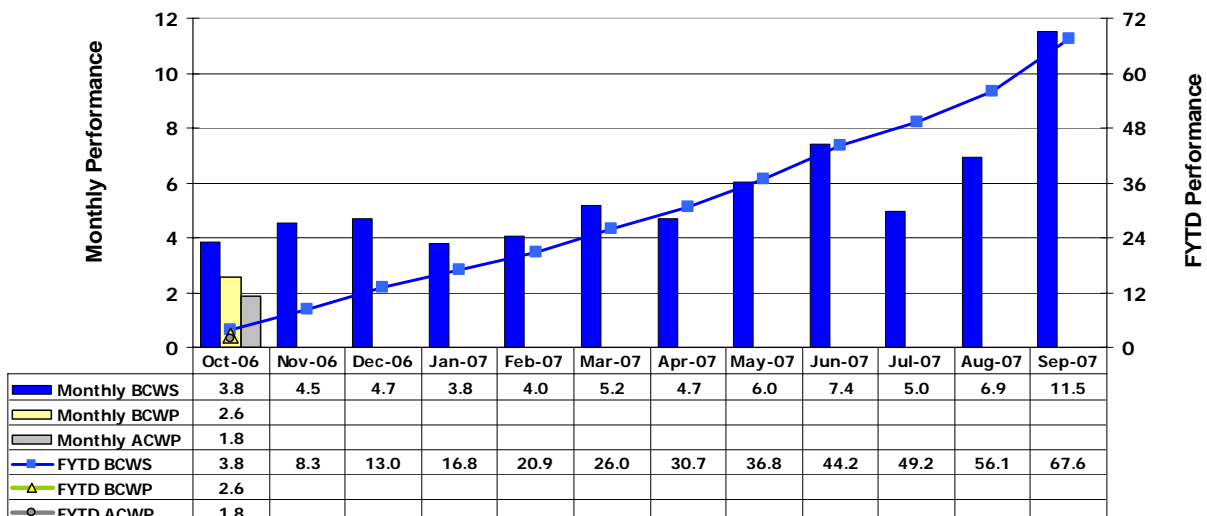
The unfavorable SV for Reliability Projects (-\$0.1M) is within established thresholds.

Cost Performance (+0.7M/+28.3%):

The favorable cost variance (CV) for CPR (+\$0.6M) is due to contract accrual reversal for Environmental Restoration Disposal Facility (ERDF) 200-W-42 Pipeline removal (+\$0.7M), efficiencies from using Min-Safe staff on Level of Effort (LOE) work as well as discrete work scope (+\$0.3M), and lagging relocation costs from FY 2006 and additional costs associated with External Independent Review (EIR) preparation (-\$0.2M).

The favorable CV for Reliability Projects (\$0.1M) is within established thresholds.

Performance Analysis FYTD and Monthly (\$M)



Milestone Achievement

PBS	MSN	Title	Type	Due Date	Actual Date	Forecast Date	Status / Comments
RL-0040	WMG-05-010 M-091-40J	M-91-40J Update 218-W-3A SAP	HQ	45 day before field work begins			On schedule
RL-0040	WMG-05-009 M-091-40I	M-91-40I Update 218-W-4B SAP	HQ	45 day before field work begins			On schedule
RL-0040	D&D Project Performance Objective #18	Draft A Remedial Investigation work plan for supplemental waste site characterization	RL	03/15/07			On schedule
RL-0040	TRP-06-001 M-015-45A	Submit 200-PW-1 OU Remedial Investigation Report	HQ	10/31/06	09/28/06		Completed ahead of schedule
RL-0040	WMG-07-001 M-091-40L-012	M-91-40L.3.B Submit Quarterly Burial Ground Vent and substrate Sample	HQ	12/15/06	11/13/06		Completed ahead of schedule
RL-0040	M-015-46B	Submit 200 Area Chemical Laboratory Waste Ous Feasibility Study	HQ	03/31/07			On schedule
RL-0040	M-091-40L-013	M-91-40L.3.B Submit Quarterly Burial Ground Vent and substrate Sample	HQ	03/31/07			On schedule
RL-0040	M-015-44B	Submit 200 -MW-1 Operable Unite (Ou) Feasibility Study and Proposed Plan	HQ	04/30/07			On schedule
RL-0040	M-091-40L-014	M-91-40L.3.B Submit Quarterly Burial Ground Vent and substrate Sample	HQ	06/30/07			On schedule
RL-0040	M-091-40L-015	M-91-40L.3.B Submit Quarterly Burial Ground Vent and substrate Sample	HQ	09/30/07			On schedule
RL-0040	M-015-45B	Submit Feasibility Study and Proposed Plan Report for 200-PW-1, 200-PW-3, and 200-PW-6 Ous to EPA	HQ	09/30/07			On schedule
RL-0040	M-091-40L-016	M-91-40L.3.B Submit Quarterly Burial Ground Vent and substrate Sample	HQ	12/31/07			On schedule
RL-0040	M-091-40L-017	M-91-40L.3.B Submit Quarterly Burial Ground Vent and substrate Sample	HQ	03/31/08			On schedule
RL-0040	M-091-40L-018	M-91-40L.3.B Submit Quarterly Burial Ground Vent and substrate Sample	HQ	06/30/08			On schedule
RL-0040	M-091-40L-019	M-91-40L.3.B Submit Quarterly Burial Ground Vent and substrate Sample	HQ	09/30/08			On schedule